



DEPARTMENT of ENVIRONMENT and NATURAL RESOURCES
Minerals & Mining Program - Oil & Gas Section
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FORM 2

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MAY 11 2006

DEPT OF ENVIRONMENT & NATURAL
RESOURCES - RCRD

APPLICATION FOR PERMIT TO DRILL

Type of work:

☐ Drill New Well ☒ Re-enter Well ☐ Drill Directional Well

☒ Other: Horizontal Lateral Extension

Type of well:

☒ Oil Well ☐ Gas Well ☐ Injection

☐ Other _____

Name and Address of Operator:

Continental Resources, Inc. P.O. Box 1032, Enid, OK 73702

Telephone

(580) 233-8955

Name and Address of Surface Owner:

State of South Dakota

Name and Address of Drilling Contractor and Rig Number:

J&R Well Service 791 Lane 9, Powell, WY 57720 Rig #8

Surface Location of well: Qtr-Qtr, Sec, Twp, Rge, County, feet from nearest lines of section, and latitude and longitude (if available):

SHL 660' FSL & 1630' FEL, SW SE, Sec 20-21N-4E, Harding Co.

If Directional, top of pay and bottom hole location from nearest lines of section:

BHL #1 2500' FSL & 2300' FWL, Sec 20-21N-4E, BHL #2 750' FSL & 100' FWL, Sec 21-21N-4E

Acres in Spacing (Drilling) Unit

7,675.65

Description of Spacing Unit

Buffalo Red River Unit

Well Name and Number		Elevation	Field and Pool, or Wildcat		Proposed Depth and Formation	
BRRU 34-20		3254' GL	Buffalo		Red River "B" TD @ 11,000	
Size of Hole	Size of Casing	Weight per Foot	Depth	Cementing Program (amount, type, additives)		Depth
1) 12 1/4"	8 5/8"	24	1600'	800 sx		
2) 7 7/8"	4 1/2"	11.6 & 13.5	8600'	1150 sx		
3)						
4)						

Describe Proposed Operations (Clearly State all Pertinent Details, and Give Pertinent Dates, Including Estimated Date of Starting any Proposed Work). Use additional page(s) if appropriate.

The well laterals will be drilled out of existing 4 1/2" casing by cutting a NE facing window at 10' below the Gunton porosity located at 8550'-8582', landing in the Red River "B" porosity at 8694'-8709'. Out of this window one lateral will turn to the NW and one to the East to bottom hole locations.

I hereby certify that the foregoing as to any work or operation performed is a true and correct report of such work or operation.

Becky Barnes
Signature

Becky Barnes

Name (Print)

Reg Compliance

Title

05/03/2006

Date

FOR OFFICE USE ONLY

Approved By:

Fred White

Title: Oil and Gas Supervisor

Permit No. 1782

API No. 40 063 20281.01

Date Issued: June 9, 2006

Conditions, if any, on attached page.